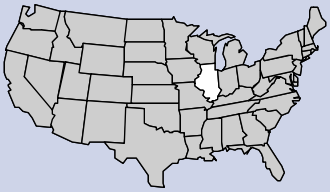
Economic Investments in Illinois



BTS invested a total of $28.1 million in Illinois in Fiscal Years 2001 and 2002

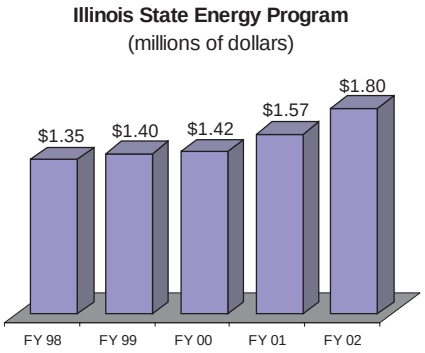
Office of Building Technology, State and Community Programs (BTS)

BTS works with partners in the private and non-profit sectors and in state and local governments to make the nation's residential and commercial building stock more energy-efficient, comfortable, affordable, and sustainable.

The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.

STATE ENERGY PROGRAM

The **Illinois Bureau of Energy and Recycling** in **Springfield,** through the State Energy Program (SEP), received $1,570,000 in FY 2001 and $1,796,000 in FY 2002 for a variety of activities including: implementation of the State Energy Plan, improving State Building Energy Codes, and providing public education and awareness efforts (e.g., hotlines, publications, and training).



RESEARCH & DEVELOPMENT

The **Construction Engineering Research Laboratory (CERL)** of the Department of Defense, located in **Champaign,** received $450,000 in FY 2002. This funding supports efforts to consolidate the best capabilities of previously developed building design software programs.

CODES & STANDARDS

The **Illinois Bureau of Energy and Recycling** in **Springfield,** through the SEP Special Projects Office of Codes and Standards received $214,000 in FY 2002 to facilitate the acceptance and implementation of the 2000 IECC in the city of Chicago through outreach, training, and code enforcement.

Rebuild America

The **Chicago Housing Authority,** the cities of **Chicago** and **Edwardsville, Rebuild Carbondale, Rebuild Fulton, Rebuild Illinois, Rebuild Kewanee,** and **Valley View Community Unit School District 365-U** received technical assistance from the Rebuild America program valued at a combined total of $160,000 in FY 2002. This program accelerates energy efficiency improvements in existing commercial, institutional and multi-family residential buildings through private-public partnerships created at the community level. It also assists with business planning, technical product development, marketing, workshops, and training for its partners.

RESEARCH & DEVELOPMENT

The **University of Illinois** received $50,000 in FY 2002 to support efforts to develop lightweight, high-performance heat exchangers.

RESEARCH & DEVELOPMENT

Argonne National Laboratory (ANL) received $30,000 in FY 2002 to support BTS communications, programmatic outreach, printing, newsletter, high performance building series, and display work.

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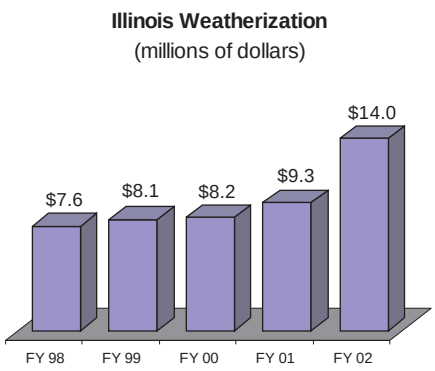
America's buildings — our homes, workplaces, and institutional buildings — consume roughly $230 billion worth of energy each year. The average family spends about $1,300 on home energy. Energy for buildings has environmental as well as economic implications: its production, distribution, and use affect our environment and health through the emission of carbon dioxide, sulfur dioxide and nitrogen oxides.

The **Weatherization Assistance Program,** through 36 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Illinois residents, especially households with elderly members, individuals with disabilities, and families with children. In FY 2001, Federal funding combined with leveraged state and local resources resulted in the weatherization of approximately 1,936 homes. In FY 2002, Illinois was allocated $14,023,856 in weatherization funding.



As part of the Building America program, **Town and Country Homes** received technical assistance through the Building Science Consortium in FY 2002 valued at $20,000 to support the planning and design of the **Centennial Crossing** project in **Vernon Hills** and the **Foxford Hills** project in **Cary.** Over 100 of the 581 planned houses have been completed. The following builders also received assistance in FY 2002:

- **Bigelow Homes** of **Chicago** received a detailed series of recommendations for improving system performance, quality, comfort, and productivity from the Building Science Consortium valued at $10,000.
- **Habitat for Humanity** of **Maywood** received technical assistance from the Building Science Consortium valued at $10,000 where their urban infill project has completed one of a planned 60 houses.
- **Sturbridge Construction** received planning and design support for the **Prairie Crossing** project in **Grayslake** from the Building Science Consortium valued at $10,000. One hundred and seventy of the 350 homes planned for this community have been completed. In **Huntley,** systems engineering is underway for the construction of two prototype houses by **Del Webb Corporation** at **Sun City.**
- **Cambridge Homes** in **Carol Stream, Crest Hill,** and **GlenView** received technical assistance valued at $30,000 from the CARB consortium at **Forest Glen, Carillon Lakes,** and **Cambridge at the Glen** where 118 of an expected buildout of 332 houses have been completed.

Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations, which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.